RESPONSE CURVE

- Sensitivity Mag - dB SPL/watt (0.0 ohm load) (0.33 oct)(eq)

IMPEEDANCE CURVE

- 50 Hz
- 160 Hz
- 200 Hz
- 500 Hz
- 1000 Hz
- 2000 Hz
- 5000 Hz
- 10000 Hz
- 20000 Hz

SPECIFICATIONS

Technical Characteristics | Symbol | Value | Units
--- | --- | --- | ---
Nominal Impedance | Z | 2 x 8 | Ω
Resonance Frequency | Fs | 35 | Hz
Nominal Power Handling | P | 60 | W
Sensitivity | E | 89 | dB

VOICE COIL

- Voice coil diameter | Ø | 30 | mm
- Minimum Impedance | Zmin | 3.1 | Ω
- DC Resistance | Re | 2.7 | Ω
- Voice Coil Inductance | Lbm | 0.40 | mH
- Voice coil Length | h | 12.5 | mm
- Former | - | Kapton | -
- Number of layers | n | 1 | -

MAGNET

- Magnet dimensions | Ø x h | 84 x 15 | mm
- Magnet weight | m | 0.31 | kg
- Flux density | B | 1 | T
- Force factor | BL | 5.7 | NA
- Height of magnetic gap | Hg | 0.5 | mm
- Stray flux | Fm | - | Am
- Linear excursion | Xmax | ±3.75 | mm

PARAMETERS

- Suspension Compliance | Cms | 1.10^-3 | mN
- Mechanical Q Factor | Qms | 7.6 | -
- Electrical Q Factor | Qes | 0.37 | -
- Total Q Factor | Qts | 0.35 | -
- Mechanical Resistance | Rms | 0.59 | kg s
- Moving Mass | Mms | 20.9 x 10^-2 | kg
- Effective Piston Area | S | 1.38 x 10^-1 | m²
- Volume Equivalent of Air at C | Vas | 27.4 x 10^-1 | m³
- Mass of speaker | M | 1.3 | kg

APPLICATION PARAMETERS

- Vb | Box volume | dm³
- Fb | Tuning frequency | Hz
- Dp | Port diameter | cm
- Lp | Port length | cm

SUGGESTED APPLICATIONS

- Vb1 | Vb | 45 | 25 | 7.5 | 12.7
- Vb2 | Vb | 8 | 53 | 3.2 | 5.8

The specifications are given with voice coils connected in parallel.

Audax may, without prior notification, change the specifications of its products further to research and development requirements.

Please refer to method of measurement and measurement conditions pages 15 to 19.